

? logon

*** It is now 2009/07/13 16:22:52 ***
 (Dialog time 2009/07/13 15:22:52)

Preferences:

1. Default save option: [TEXT]
2. Graphic Images.
 Maximum width in pixels : [624]
 Maximum height in pixels: [624]
3. Hold output position (don't scroll to the output buffer end): [No]
4. Command separators (add HR after every command): [No]
5. Type separators (add HR after every record): [Yes]
6. Linking Pane: [Right]
7. Status location.
 Below Type ahead buffer : [No]
 In Browser status line: [No]
8. Show Estimated Cost Summary: [Yes]
9. Highlight Search Terms: [Yes]
10. Display Detailed Results by Search Term: [Yes]
11. Show Results by File (multifile search): [Yes]
12. Display Postings: [No]
14. Expand Items: 25
15. Hold Expand output position (don't scroll to the output buffer end): [No]
16. KWIC Window: 50
17. Output Cost Notification: [No]
18. Prompt for Subaccount at Logon: [No]
19. Hide History Tab: [No]
20. Show Preferences at Login: [Yes]
21. Show hyphen(s) in display set command : [Yes]

SUPERBIO is set ON as an alias for 155 73 5 35 65
 HIGHLIGHT set on as ' ' '
 DETAIL set on
 KWIC is set to 50.

? b medicine

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13jul09 14:23:05 User294085 Session D205.1
      $0.00      0.245 DialUnits File415
$0.00 Estimated cost File415
$0.05 INTERNET
$0.05 Estimated cost this search
$0.05 Estimated total session cost      0.245 DialUnits
  
```

SYSTEM:OS - DIALOG OneSearch

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(c) 2009 Reed Business Information Ltd.

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(c) 1999 AAAS

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(c) 2009 American Chemical Society

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(c) 2006 The Thomson Corp

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(c) 2009 Mass. Med. Soc.

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File 467:ExtraMED(tm) 2000/Dec
(c) 2001 Informania Ltd.

Set	Items	Description
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?s (PGD (w) SYNTHASE) OR (PROSTAGLANDIN (w) D (w) SYNTHASE) OR (PGD2 (w) SYNTHASE) OR (PDG2 (w) ISOMERASE) or (beta (w) trace (w) protein) or pgd or (prostaglandin (w) endoperoxidase (w) d (w) isomerase)

Processing
Processing
Processing
Processing
Processing

Processing
Processing
Processing
Processing
Processing

5: Biosis Previews(R)_1926-2009/Jul W1

101418 PROSTAGLANDIN
990766 D
127383 SYNTHASE
359 PROSTAGLANDIN(W)D(W)SYNTHASE
2549 PGD
127383 SYNTHASE
92 PGD(W)SYNTHASE
101418 PROSTAGLANDIN
70 ENDOPEROXIDASE
990766 D
16041 ISOMERASE
0 PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
16 PDG2
16041 ISOMERASE
0 PDG2(W)ISOMERASE
876958 BETA
64744 TRACE
1973632 PROTEIN
132 BETA(W)TRACE(W)PROTEIN
1951 PGD2
127383 SYNTHASE
25 PDG2(W)SYNTHASE
2549 PGD
2945 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

34: SciSearch(R) Cited Ref Sci_1990-2009/Jul W1

2621 PGD
182080 SYNTHASE
79 PGD(W)SYNTHASE
52175 PROSTAGLANDIN
22 ENDOPEROXIDASE
883575 D
15182 ISOMERASE
0 PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
3 PDG2
15182 ISOMERASE
0 PDG2(W)ISOMERASE
616 PGD2
182080 SYNTHASE
6 PGD2(W)SYNTHASE
52175 PROSTAGLANDIN
883575 D
182080 SYNTHASE
481 PROSTAGLANDIN(W)D(W)SYNTHASE
891876 BETA
112342 TRACE
1700384 PROTEIN
215 BETA(W)TRACE(W)PROTEIN
2621 PGD
3113 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

35: Dissertation Abs Online_1861-2009/Jun

```

0 PDG2
862 ISOMERASE
0 PDG2 (W) ISOMERASE
2079 PROSTAGLANDIN
1 ENDOPEROXIDASE
127413 D
862 ISOMERASE
0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
14 PGD2
4767 SYNTHASE
0 PGD2 (W) SYNTHASE
2079 PROSTAGLANDIN
127413 D
4767 SYNTHASE
4 PROSTAGLANDIN (W) D (W) SYNTHASE
168 PGD
4767 SYNTHASE
0 PGD (W) SYNTHASE
48207 BETA
15754 TRACE
95405 PROTEIN
1 BETA (W) TRACE (W) PROTEIN
168 PGD
173 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

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45: EMCare_2009/Jul W1

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0 PDG2
240 ISOMERASE
0 PDG2 (W) ISOMERASE
10101 PROSTAGLANDIN
4 ENDOPEROXIDASE
78924 D
240 ISOMERASE
0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
7 PGD2
11454 SYNTHASE
0 PGD2 (W) SYNTHASE
69254 BETA
6860 TRACE
149336 PROTEIN
20 BETA (W) TRACE (W) PROTEIN
10101 PROSTAGLANDIN
78924 D
11454 SYNTHASE
19 PROSTAGLANDIN (W) D (W) SYNTHASE
345 PGD
11454 SYNTHASE
2 PGD (W) SYNTHASE
345 PGD
376 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

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65: Inside Conferences_1993-2009/Jul 13

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0 PDG2
190 ISOMERASE
0 PDG2 (W) ISOMERASE
5 PGD2
3304 SYNTHASE
0 PGD2 (W) SYNTHASE
1432 PROSTAGLANDIN
111584 D

```

3304 SYNTHASE
 16 PROSTAGLANDIN (W) D (W) SYNTHASE
 136 PGD
 3304 SYNTHASE
 0 PGD (W) SYNTHASE
 20573 BETA
 11573 TRACE
 44346 PROTEIN
 10 BETA (W) TRACE (W) PROTEIN
 136 PGD
 162 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

71: ELSEVIER BIOBASE_1994-2009/Jul W2

17453 PROSTAGLANDIN
 16 ENDOPEROXIDASE
 255069 D
 5029 ISOMERASE
 0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 2 PDG2
 5029 ISOMERASE
 0 PDG2 (W) ISOMERASE
 57 PGD2
 57413 SYNTHASE
 2 PGD2 (W) SYNTHASE
 17453 PROSTAGLANDIN
 255069 D
 57413 SYNTHASE
 184 PROSTAGLANDIN (W) D (W) SYNTHASE
 230757 BETA
 26838 TRACE
 826589 PROTEIN
 80 BETA (W) TRACE (W) PROTEIN
 1286 PGD
 57413 SYNTHASE
 60 PGD (W) SYNTHASE
 1286 PGD
 1459 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

72: EMBASE_1993-2009/Jul 09

2124 PGD
 99701 SYNTHASE
 74 PGD (W) SYNTHASE
 54910 PROSTAGLANDIN
 22 ENDOPEROXIDASE
 403423 D
 6793 ISOMERASE
 0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 4 PDG2
 6793 ISOMERASE
 0 PDG2 (W) ISOMERASE
 90 PGD2
 99701 SYNTHASE
 3 PGD2 (W) SYNTHASE
 459534 BETA
 28535 TRACE
 1580195 PROTEIN
 115 BETA (W) TRACE (W) PROTEIN
 54910 PROSTAGLANDIN
 403423 D
 99701 SYNTHASE

354 PROSTAGLANDIN (W) D (W) SYNTHASE
 2124 PGD
 2455 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

73: EMBASE_1974-2009/Jul 09

108879 PROSTAGLANDIN
 622779 D
 116768 SYNTHASE
 373 PROSTAGLANDIN (W) D (W) SYNTHASE
 108879 PROSTAGLANDIN
 36 ENDOPEROXIDASE
 622779 D
 9672 ISOMERASE
 0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 4 PDG2
 9672 ISOMERASE
 0 PDG2 (W) ISOMERASE
 114 PGD2
 116768 SYNTHASE
 3 PGD2 (W) SYNTHASE
 643201 BETA
 43978 TRACE
 1932180 PROTEIN
 137 BETA (W) TRACE (W) PROTEIN
 3584 PGD
 116768 SYNTHASE
 80 PGD (W) SYNTHASE
 3584 PGD
 3949 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

91: MANTIS(IM)_1880-2009/Mar

888 PROSTAGLANDIN
 11486 D
 1017 SYNTHASE
 0 PROSTAGLANDIN (W) D (W) SYNTHASE
 0 PDG2
 39 ISOMERASE
 0 PDG2 (W) ISOMERASE
 7 PGD2
 1017 SYNTHASE
 0 PGD2 (W) SYNTHASE
 9 PGD
 1017 SYNTHASE
 1 PGD (W) SYNTHASE
 6090 BETA
 720 TRACE
 9626 PROTEIN
 0 BETA (W) TRACE (W) PROTEIN
 9 PGD
 9 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

98: General Sci Abs_1984-2009/Jul

0 PDG2
 782 ISOMERASE
 0 PDG2 (W) ISOMERASE
 1623 PROSTAGLANDIN
 1 ENDOPEROXIDASE

37589 D
 782 ISOMERASE
 0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 1623 PROSTAGLANDIN
 37589 D
 6975 SYNTHASE
 12 PROSTAGLANDIN (W) D (W) SYNTHASE
 50 PGD2
 6975 SYNTHASE
 0 PGD2 (W) SYNTHASE
 49 PGD
 6975 SYNTHASE
 2 PGD (W) SYNTHASE
 3059 BETA
 3656 TRACE
 89885 PROTEIN
 0 BETA (W) TRACE (W) PROTEIN
 49 PGD
 60 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

135: NewsRx Weekly Reports_1995-2009/Jun W4

4556 PROSTAGLANDIN
 210775 D
 15589 SYNTHASE
 71 PROSTAGLANDIN (W) D (W) SYNTHASE
 67 PGD2
 15589 SYNTHASE
 0 PGD2 (W) SYNTHASE
 4556 PROSTAGLANDIN
 4 ENDOPEROXIDASE
 210775 D
 979 ISOMERASE
 0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 2 PDG2
 979 ISOMERASE
 0 PDG2 (W) ISOMERASE
 72654 BETA
 3596 TRACE
 203350 PROTEIN
 14 BETA (W) TRACE (W) PROTEIN
 400 PGD
 15589 SYNTHASE
 30 PGD (W) SYNTHASE
 400 PGD
 450 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

138: Physical Education Index_1990-2009/Jul

3 PGD
 333 SYNTHASE
 0 PGD (W) SYNTHASE
 0 PGD2
 333 SYNTHASE
 0 PGD2 (W) SYNTHASE
 1036 BETA
 112 TRACE
 2339 PROTEIN
 0 BETA (W) TRACE (W) PROTEIN
 54 PROSTAGLANDIN
 3913 D
 333 SYNTHASE

0 PROSTAGLANDIN (W) D (W) SYNTHASE
 3 PGD
 3 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

144: Pascal_1973-2009/Jul W2

1359 PGD
 64663 SYNTHASE
 31 PGD (W) SYNTHASE
 54498 PROSTAGLANDIN
 11 ENDOPEROXIDASE
 4011339 D
 5749 ISOMERASE
 0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 2 PDG2
 5749 ISOMERASE
 0 PDG2 (W) ISOMERASE
 57 PGD2
 64663 SYNTHASE
 0 PGD2 (W) SYNTHASE
 54498 PROSTAGLANDIN
 4011339 D
 64663 SYNTHASE
 118 PROSTAGLANDIN (W) D (W) SYNTHASE
 464706 BETA
 126724 TRACE
 676434 PROTEIN
 62 BETA (W) TRACE (W) PROTEIN
 1359 PGD
 1488 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

149: TGG Health&Wellness DB(SM)_1976-2009/Jun W2

3637 PROSTAGLANDIN
 2 ENDOPEROXIDASE
 353498 D
 457 ISOMERASE
 0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 2 PDG2
 457 ISOMERASE
 0 PDG2 (W) ISOMERASE
 23 PGD2
 5357 SYNTHASE
 1 PGD2 (W) SYNTHASE
 3637 PROSTAGLANDIN
 353498 D
 5357 SYNTHASE
 29 PROSTAGLANDIN (W) D (W) SYNTHASE
 49843 BETA
 8413 TRACE
 100770 PROTEIN
 3 BETA (W) TRACE (W) PROTEIN
 258 PGD
 5357 SYNTHASE
 8 PGD (W) SYNTHASE
 258 PGD
 280 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

154: MEDLINE(R)_1990-2009/Jul 10

1644 PGD
 91688 SYNTHASE
 83 PGD (W) SYNTHASE
 45924 PROSTAGLANDIN
 457875 D
 91688 SYNTHASE
 225 PROSTAGLANDIN (W) D (W) SYNTHASE
 45924 PROSTAGLANDIN
 22 ENDOPEROXIDASE
 457875 D
 9157 ISOMERASE
 0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 8 PDG2
 9157 ISOMERASE
 0 PDG2 (W) ISOMERASE
 486269 BETA
 29566 TRACE
 1584913 PROTEIN
 105 BETA (W) TRACE (W) PROTEIN
 1167 PGD2
 91688 SYNTHASE
 18 PGD2 (W) SYNTHASE
 1644 PGD
 1901 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

155: MEDLINE(R)_1950-2009/Jul 10

75224 PROSTAGLANDIN
 25 ENDOPEROXIDASE
 707626 D
 12898 ISOMERASE
 1 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
 11 PDG2
 12898 ISOMERASE
 0 PDG2 (W) ISOMERASE
 649469 BETA
 41630 TRACE
 1947598 PROTEIN
 128 BETA (W) TRACE (W) PROTEIN
 2086 PGD2
 103267 SYNTHASE
 18 PGD2 (W) SYNTHASE
 1960 PGD
 103267 SYNTHASE
 85 PGD (W) SYNTHASE
 75224 PROSTAGLANDIN
 707626 D
 103267 SYNTHASE
 226 PROSTAGLANDIN (W) D (W) SYNTHASE
 1960 PGD
 2241 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

156: ToxFile_1965-2009/Jul w1

18882 PROSTAGLANDIN
 145478 D
 24356 SYNTHASE
 20 PROSTAGLANDIN (W) D (W) SYNTHASE
 126218 BETA
 20995 TRACE
 350110 PROTEIN
 0 BETA (W) TRACE (W) PROTEIN

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18882 PROSTAGLANDIN
7 ENDOPEROXIDASE
145478 D
1804 ISOMERASE
0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
1 PDG2
1804 ISOMERASE
0 PDG2 (W) ISOMERASE
165 PGD
24356 SYNTHASE
9 PGD (W) SYNTHASE
352 PGD2
24356 SYNTHASE
4 PGD2 (W) SYNTHASE
165 PGD
181 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

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159: Cancerlit_1975-2002/Oct

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10671 PROSTAGLANDIN
86995 D
12549 SYNTHASE
14 PROSTAGLANDIN (W) D (W) SYNTHASE
10671 PROSTAGLANDIN
1 ENDOPEROXIDASE
86995 D
958 ISOMERASE
0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
1 PDG2
958 ISOMERASE
0 PDG2 (W) ISOMERASE
106462 BETA
2837 TRACE
292642 PROTEIN
5 BETA (W) TRACE (W) PROTEIN
99 PGD
12549 SYNTHASE
7 PGD (W) SYNTHASE
252 PGD2
12549 SYNTHASE
4 PGD2 (W) SYNTHASE
99 PGD
116 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

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162: Global Health_1983-2009/Jul W1

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0 PDG2
872 ISOMERASE
0 PDG2 (W) ISOMERASE
3276 PROSTAGLANDIN
1 ENDOPEROXIDASE
81849 D
872 ISOMERASE
0 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
9 PGD2
7156 SYNTHASE
1 PGD2 (W) SYNTHASE
3276 PROSTAGLANDIN
81849 D
7156 SYNTHASE
8 PROSTAGLANDIN (W) D (W) SYNTHASE
143 PGD

```

7156 SYNTHASE
 0 PGD(W) SYNTHASE
 50574 BETA
 15137 TRACE
 140114 PROTEIN
 2 BETA(W) TRACE(W) PROTEIN
 143 PGD
 153 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

164: Allied & Complementary Medicine_1984-2009/Jul

212 PROSTAGLANDIN
 4467 D
 296 SYNTHASE
 0 PROSTAGLANDIN(W) D(W) SYNTHASE
 2 PGD
 296 SYNTHASE
 0 PGD(W) SYNTHASE
 0 PDG2
 2 ISOMERASE
 0 PDG2(W) ISOMERASE
 1947 BETA
 323 TRACE
 1528 PROTEIN
 0 BETA(W) TRACE(W) PROTEIN
 2 PGD2
 296 SYNTHASE
 0 PGD2(W) SYNTHASE
 2 PGD
 2 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

172: EMBASE Alert_2009/Jul 10

577 PROSTAGLANDIN
 10047 D
 1955 SYNTHASE
 7 PROSTAGLANDIN(W) D(W) SYNTHASE
 0 PDG2
 171 ISOMERASE
 0 PDG2(W) ISOMERASE
 577 PROSTAGLANDIN
 1 ENDOPEROXIDASE
 10047 D
 171 ISOMERASE
 0 PROSTAGLANDIN(W) ENDOPEROXIDASE(W) D(W) ISOMERASE
 4 PGD2
 1955 SYNTHASE
 1 PGD2(W) SYNTHASE
 9561 BETA
 822 TRACE
 28117 PROTEIN
 3 BETA(W) TRACE(W) PROTEIN
 54 PGD
 1955 SYNTHASE
 1 PGD(W) SYNTHASE
 54 PGD
 61 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

```

0 PGD
43 SYNTHASE
0 PGD(W)SYNTHASE
145 BETA
633 TRACE
1340 PROTEIN
0 BETA(W)TRACE(W)PROTEIN
2 PROSTAGLANDIN
1752 D
43 SYNTHASE
0 PROSTAGLANDIN(W)D(W)SYNTHASE
0 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

```

369: New Scientist_1994-2009/Jul W1

```

0 PGD2
34 SYNTHASE
0 PGD2(W)SYNTHASE
353 BETA
898 TRACE
2539 PROTEIN
0 BETA(W)TRACE(W)PROTEIN
19 PROSTAGLANDIN
2845 D
34 SYNTHASE
0 PROSTAGLANDIN(W)D(W)SYNTHASE
30 PGD
34 SYNTHASE
0 PGD(W)SYNTHASE
30 PGD
30 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

```

370: Science_1996-1999/Jul W3

```

0 PGD2
147 SYNTHASE
0 PGD2(W)SYNTHASE
16 PROSTAGLANDIN
4698 D
147 SYNTHASE
0 PROSTAGLANDIN(W)D(W)SYNTHASE
5 PGD
147 SYNTHASE
0 PGD(W)SYNTHASE
1186 BETA
553 TRACE
2329 PROTEIN
0 BETA(W)TRACE(W)PROTEIN
5 PGD
5 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W)ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

```

399: CA SEARCH(R)_1967-2009/UD=15103

```

51980 PROSTAGLANDIN
15 ENDOPEROXIDASE
484609 D(DENSITY OR DEBYE UNIT)
17224 ISOMERASE(SEE ?IGNOTE)
0 PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
14 PGD2
17224 ISOMERASE(SEE ?IGNOTE)

```

0 PDG2(W) ISOMERASE
 414 PGD
 59427 SYNTHASE
 27 PGD(W) SYNTHASE
 963 PGD2
 59427 SYNTHASE
 20 PGD2(W) SYNTHASE
 51980 PROSTAGLANDIN
 484609 D(DENSITY OR DEBYE UNIT)
 59427 SYNTHASE
 235 PROSTAGLANDIN(W) D(W) SYNTHASE
 592238 BETA
 165843 TRACE
 1552695 PROTEIN
 81 BETA(W) TRACE(W) PROTEIN
 414 PGD
 721 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

434: SciSearch(R) Cited Ref Sci_1974-1989/Dec
 27018 PROSTAGLANDIN
 72992 D
 11427 SYNTHASE
 1 PROSTAGLANDIN(W) D(W) SYNTHASE
 27018 PROSTAGLANDIN
 0 ENDOPEROXIDASE
 72992 D
 1602 ISOMERASE
 0 PROSTAGLANDIN(W) ENDOPEROXIDASE(W) D(W) ISOMERASE
 1 PDG2
 1602 ISOMERASE
 0 PDG2(W) ISOMERASE
 78 PGD
 11427 SYNTHASE
 0 PGD(W) SYNTHASE
 123 PGD2
 11427 SYNTHASE
 0 PGD2(W) SYNTHASE
 130887 BETA
 19351 TRACE
 213976 PROTEIN
 13 BETA(W) TRACE(W) PROTEIN
 78 PGD
 92 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
 OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
 (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
 ENDOPEROXIDASE (W) D (W) ISOMERASE)

444: New England Journal of Med._1985-2009/Jul W1
 529 PROSTAGLANDIN
 28834 D
 376 SYNTHASE
 0 PROSTAGLANDIN(W) D(W) SYNTHASE
 0 PGD2
 376 SYNTHASE
 0 PGD2(W) SYNTHASE
 529 PROSTAGLANDIN
 1 ENDOPEROXIDASE
 28834 D
 36 ISOMERASE
 0 PROSTAGLANDIN(W) ENDOPEROXIDASE(W) D(W) ISOMERASE
 4343 BETA
 591 TRACE
 6033 PROTEIN

```

    0 BETA(W)TRACE(W)PROTEIN
    18 PGD
376 SYNTHASE
    0 PGD(W)SYNTHASE
    18 PGD
    18 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
      OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
        (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
        ENDOPEROXIDASE (W) D (W) ISOMERASE)

```

457: The Lancet_1992-2009/Jul W1

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    2 PGD2
546 SYNTHASE
    0 PGD2(W)SYNTHASE
324 PROSTAGLANDIN
13586 D
546 SYNTHASE
    0 PROSTAGLANDIN(W)D(W)SYNTHASE
    0 PDG2
    19 ISOMERASE
    0 PDG2(W)ISOMERASE
324 PROSTAGLANDIN
    1 ENDOPEROXIDASE
13586 D
    19 ISOMERASE
    0 PROSTAGLANDIN(W)ENDOPEROXIDASE(W)D(W)ISOMERASE
3368 BETA
449 TRACE
5596 PROTEIN
    0 BETA(W)TRACE(W)PROTEIN
    31 PGD
546 SYNTHASE
    0 PGD(W)SYNTHASE
    31 PGD
    31 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
      OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
        (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
        ENDOPEROXIDASE (W) D (W) ISOMERASE)

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467: Extramed(tm)_2000/Dec

```

    56 PROSTAGLANDIN
678 D
    23 SYNTHASE
    0 PROSTAGLANDIN(W)D(W)SYNTHASE
    0 PGD
    23 SYNTHASE
    0 PGD(W)SYNTHASE
139 BETA
    86 TRACE
670 PROTEIN
    0 BETA(W)TRACE(W)PROTEIN
    1 PGD2
    23 SYNTHASE
    0 PGD2(W)SYNTHASE
    0 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
      OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
        (W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
        ENDOPEROXIDASE (W) D (W) ISOMERASE)

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TOTAL: FILES 5,34,35 and ...

```

19534 PGD
1010094 SYNTHASE
    671 PGD(W)SYNTHASE
    648413 PROSTAGLANDIN
10206464 D
1010094 SYNTHASE

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2756 PROSTAGLANDIN (W) D (W) SYNTHASE
8019 PGD2
1010094 SYNTHASE
106 PGD2 (W) SYNTHASE
71 PDG2
106804 ISOMERASE
0 PDG2 (W) ISOMERASE
6000907 BETA
753559 TRACE
15514671 PROTEIN
1126 BETA (W) TRACE (W) PROTEIN
19534 PGD
648413 PROSTAGLANDIN
263 ENDOPEROXIDASE
10206464 D
106804 ISOMERASE
1 PROSTAGLANDIN (W) ENDOPEROXIDASE (W) D (W) ISOMERASE
S1 22474 (PGD (W) SYNTHASE) OR (PROSTAGLANDIN (W) D (W) SYNTHASE)
OR (PGD2 (W) SYNTHASE) OR (PDG2 (W) ISOMERASE) OR (BETA
(W) TRACE (W) PROTEIN) OR PGD OR (PROSTAGLANDIN (W)
ENDOPEROXIDASE (W) D (W) ISOMERASE)

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? s1 and rheumatoid (w) arthritis

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5: Biosis Previews(R)_1926-2009/Jul W1
77572 RHEUMATOID
106286 ARTHRITIS
67987 RHEUMATOID(W) ARTHRITIS
2945 S1
8 S1 AND RHEUMATOID (W) ARTHRITIS

34: SciSearch(R) Cited Ref Sci_1990-2009/Jul W1
79698 RHEUMATOID
112926 ARTHRITIS
74850 RHEUMATOID(W) ARTHRITIS
3113 S1
19 S1 AND RHEUMATOID (W) ARTHRITIS

35: Dissertation Abs Online_1861-2009/Jun
1121 RHEUMATOID
1868 ARTHRITIS
1004 RHEUMATOID(W) ARTHRITIS
173 S1
0 S1 AND RHEUMATOID (W) ARTHRITIS

45: EMCare_2009/Jul W1
17759 RHEUMATOID
28159 ARTHRITIS
17057 RHEUMATOID(W) ARTHRITIS
376 S1
1 S1 AND RHEUMATOID (W) ARTHRITIS

65: Inside Conferences_1993-2009/Jul 13
2215 RHEUMATOID
3562 ARTHRITIS
1860 RHEUMATOID(W) ARTHRITIS
162 S1
0 S1 AND RHEUMATOID (W) ARTHRITIS

71: ELSEVIER BIOBASE_1994-2009/Jul W2
17188 RHEUMATOID
24581 ARTHRITIS
15948 RHEUMATOID(W) ARTHRITIS
1459 S1

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4 S1 AND RHEUMATOID (W) ARTHRITIS

72: EMBASE_1993-2009/Jul 09
53889 RHEUMATOID
137079 ARTHRITIS
50804 RHEUMATOID(W)ARTHRITIS
2455 S1
7 S1 AND RHEUMATOID (W) ARTHRITIS

73: EMBASE_1974-2009/Jul 09
85977 RHEUMATOID
244419 ARTHRITIS
80073 RHEUMATOID(W)ARTHRITIS
3949 S1
10 S1 AND RHEUMATOID (W) ARTHRITIS

91: MANTIS(TM)_1880-2009/Mar
9 S1
3988 RHEUMATOID
6400 ARTHRITIS
3531 RHEUMATOID(W)ARTHRITIS
0 S1 AND RHEUMATOID (W) ARTHRITIS

98: General Sci Abs_1984-2009/Jul
975 RHEUMATOID
1951 ARTHRITIS
943 RHEUMATOID(W)ARTHRITIS
60 S1
0 S1 AND RHEUMATOID (W) ARTHRITIS

135: NewsRx Weekly Reports_1995-2009/Jun W4
7925 RHEUMATOID
14645 ARTHRITIS
7547 RHEUMATOID(W)ARTHRITIS
450 S1
2 S1 AND RHEUMATOID (W) ARTHRITIS

138: Physical Education Index_1990-2009/Jul
137 RHEUMATOID
807 ARTHRITIS
133 RHEUMATOID(W)ARTHRITIS
3 S1
0 S1 AND RHEUMATOID (W) ARTHRITIS

144: Pascal_1973-2009/Jul W2
35117 RHEUMATOID
49089 ARTHRITIS
33083 RHEUMATOID(W)ARTHRITIS
1488 S1
4 S1 AND RHEUMATOID (W) ARTHRITIS

149: TGG Health&Wellness DB(SM)_1976-2009/Jun W2
280 S1
14271 RHEUMATOID
28523 ARTHRITIS
13321 RHEUMATOID(W)ARTHRITIS
1 S1 AND RHEUMATOID (W) ARTHRITIS

154: MEDLINE(R)_1990-2009/Jul 10
50481 RHEUMATOID
74635 ARTHRITIS
38314 RHEUMATOID(W)ARTHRITIS
1901 S1
3 S1 AND RHEUMATOID (W) ARTHRITIS

155: MEDLINE(R)_1950-2009/Jul 10


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        2241 S1
        95535 RHEUMATOID
    134193 ARTHRITIS
        59741 RHEUMATOID(W)ARTHRITIS
            3 S1 AND RHEUMATOID (W) ARTHRITIS

156: ToxFile_1965-2009/Jul W1
        181 S1
        15542 RHEUMATOID
        21547 ARTHRITIS
        10365 RHEUMATOID(W)ARTHRITIS
            0 S1 AND RHEUMATOID (W) ARTHRITIS

159: Cancerlit_1975-2002/Oct
        116 S1
        7687 RHEUMATOID
        9859 ARTHRITIS
        5548 RHEUMATOID(W)ARTHRITIS
            0 S1 AND RHEUMATOID (W) ARTHRITIS

162: Global Health_1983-2009/Jul W1
        2756 RHEUMATOID
        6098 ARTHRITIS
        2280 RHEUMATOID(W)ARTHRITIS
        153 S1
            0 S1 AND RHEUMATOID (W) ARTHRITIS

164: Allied & Complementary Medicine_1984-2009/Jul
        2 S1
        1709 RHEUMATOID
        2888 ARTHRITIS
        1271 RHEUMATOID(W)ARTHRITIS
            0 S1 AND RHEUMATOID (W) ARTHRITIS

172: EMBASE Alert_2009/Jul 10
        1092 RHEUMATOID
        1737 ARTHRITIS
        1040 RHEUMATOID(W)ARTHRITIS
        61 S1
            0 S1 AND RHEUMATOID (W) ARTHRITIS

266: FEDRIP_2009/May
        0 S1
        1 RHEUMATOID
        5 ARTHRITIS
        1 RHEUMATOID(W)ARTHRITIS
            0 S1 AND RHEUMATOID (W) ARTHRITIS

369: New Scientist_1994-2009/Jul W1
        99 RHEUMATOID
        255 ARTHRITIS
        99 RHEUMATOID(W)ARTHRITIS
        30 S1
            0 S1 AND RHEUMATOID (W) ARTHRITIS

370: Science_1996-1999/Jul W3
        25 RHEUMATOID
        71 ARTHRITIS
        24 RHEUMATOID(W)ARTHRITIS
        5 S1
        1 S1 AND RHEUMATOID (W) ARTHRITIS

399: CA SEARCH(R)_1967-2009/UD=15103
        30102 RHEUMATOID
        41733 ARTHRITIS
        26825 RHEUMATOID(W)ARTHRITIS

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721 S1
2 S1 AND RHEUMATOID (W) ARTHRITIS

434: SciSearch(R) Cited Ref Sci_1974-1989/Dec
92 S1
21638 RHEUMATOID
27143 ARTHRITIS
18037 RHEUMATOID(W)ARTHRITIS
0 S1 AND RHEUMATOID (W) ARTHRITIS

444: New England Journal of Med._1985-2009/Jul W1
18 S1
1150 RHEUMATOID
1803 ARTHRITIS
919 RHEUMATOID(W)ARTHRITIS
0 S1 AND RHEUMATOID (W) ARTHRITIS

457: The Lancet_1992-2009/Jul W1
769 RHEUMATOID
1329 ARTHRITIS
673 RHEUMATOID(W)ARTHRITIS
31 S1
1 S1 AND RHEUMATOID (W) ARTHRITIS

467: ExtraMED(tm)_2000/Dec
0 S1
87 RHEUMATOID
124 ARTHRITIS
75 RHEUMATOID(W)ARTHRITIS
0 S1 AND RHEUMATOID (W) ARTHRITIS

TOTAL: FILES 5,34,35 and ...
22474 S1
626505 RHEUMATOID
1083715 ARTHRITIS
533353 RHEUMATOID(W)ARTHRITIS
S2 66 S1 AND RHEUMATOID (W) ARTHRITIS

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? rd

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S3      36 RD (unique items)
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? t s3 not py>2004

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>>> 'NOT' not allowed in command
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? s s3 not py>2004

Processing
Processing
Processing

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5: Biosis Previews(R)_1926-2009/Jul W1
8 S3
2701432 PY>2004
1 S3 NOT PY>2004

34: SciSearch(R) Cited Ref Sci_1990-2009/Jul W1
15 S3
5758875 PY>2004
14 S3 NOT PY>2004

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35: Dissertation Abs Online_1861-2009/Jun
 0 S3
 257017 PY>2004
 0 S3 NOT PY>2004

45: EMCare_2009/Jul W1
 0 S3
 971404 PY>2004
 0 S3 NOT PY>2004

65: Inside Conferences_1993-2009/Jul 13
 0 S3
 1464524 PY>2004
 0 S3 NOT PY>2004

71: ELSEVIER BIOBASE_1994-2009/Jul W2
 1 S3
 1434404 PY>2004
 1 S3 NOT PY>2004

72: EMBASE_1993-2009/Jul 09
 1 S3
 2614110 PY>2004
 1 S3 NOT PY>2004

73: EMBASE_1974-2009/Jul 09
 3 S3
 2614110 PY>2004
 3 S3 NOT PY>2004

91: MANTIS(TM)_1880-2009/Mar
 0 S3
 12474 PY>2004
 0 S3 NOT PY>2004

98: General Sci Abs_1984-2009/Jul
 0 S3
 234256 PY>2004
 0 S3 NOT PY>2004

135: NewsRx Weekly Reports_1995-2009/Jun W4
 2 S3
 850535 PY>2004
 1 S3 NOT PY>2004

138: Physical Education Index_1990-2009/Jul
 0 S3
 53635 PY>2004
 0 S3 NOT PY>2004

144: Pascal_1973-2009/Jul W2
 1 S3
 2045258 PY>2004
 1 S3 NOT PY>2004

149: TGG Health&Wellness DB(SM)_1976-2009/Jun W2
 1 S3
 1660785 PY>2004
 0 S3 NOT PY>2004

154: MEDLINE(R)_1990-2009/Jul 10
 0 S3
 3124016 PY>2004
 0 S3 NOT PY>2004

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155: MEDLINE(R)_1950-2009/Jul 10
      0 S3
      3124016 PY>2004
      0 S3 NOT PY>2004

156: ToxFile_1965-2009/Jul W1
      0 S3
      435571 PY>2004
      0 S3 NOT PY>2004

159: Cancerlit_1975-2002/Oct
      0 S3
      0 PY>2004
      0 S3 NOT PY>2004

162: Global Health_1983-2009/Jul W1
      0 S3
      429872 PY>2004
      0 S3 NOT PY>2004

164: Allied & Complementary Medicine_1984-2009/Jul
      0 S3
      47603 PY>2004
      0 S3 NOT PY>2004

172: EMBASE Alert_2009/Jul 10
      0 S3
      237752 PY>2004
      0 S3 NOT PY>2004

266: FEDRIP_2009/May
>>>Prefix "PY" is undefined
      0 S3
      0 PY>2004
      0 S3 NOT PY>2004

369: New Scientist_1994-2009/Jul W1
      0 S3
      14867 PY>2004
      0 S3 NOT PY>2004

370: Science_1996-1999/Jul W3
      1 S3
      0 PY>2004
      1 S3 NOT PY>2004

399: CA SEARCH(R)_1967-2009/UD=15103
      2 S3
      4357153 PY>2004
      1 S3 NOT PY>2004

434: SciSearch(R) Cited Ref Sci_1974-1989/Dec
      0 S3
      0 PY>2004
      0 S3 NOT PY>2004

444: New England Journal of Med._1985-2009/Jul W1
      0 S3
      5720 PY>2004
      0 S3 NOT PY>2004

457: The Lancet_1992-2009/Jul W1
      1 S3
      11907 PY>2004
      1 S3 NOT PY>2004

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467: ExtraMED(tm)_2000/Dec
      0 S3
      0 PY>2004
      0 S3 NOT PY>2004
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TOTAL: FILES 5,34,35 and ...
      36 S3
      34461296 PY>2004
      S4      25 S3 NOT PY>2004
```

? t s4/k/all

>>> KWIC option is not available in file(s): 399

4/K/1 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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Abstract: ...metabolites on the synthesis of 1,25(OH)-2D-3 in synovial fluid macrophages from patients with inflammatory arthritis (IA), most of whom had chronic **rheumatoid arthritis** (RA). After exposure to IFN-gamma and/or arachidonic acid metabolites (eicosanoids), the synthesis of 1,25(OH)-2D-3 was determined by incubating macrophages... ...0.1-1 mu-M) each stimulated 1,25(OH)-2D-3 synthesis in a dose-dependent manner after 24 h, whilst PGA-2, PGB-2, PGD-2, PGE-1 and PGE-2 (0.1-10 mu-M) all inhibited synthesis after 24 h in cells pre-activated with 4 nM IFN...

DESCRIPTORS:

Miscellaneous Terms: Concept Codes: ...RHEUMATOID ARTHRITIS;

4/K/2 (Item 1 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: As for the pathogenesis of **rheumatoid arthritis** (RA), prostaglandins (PGs) act as important mediators of inflammation and joint destruction. Among them, **PGD**(2) is well recognized as a potent regulator of osteoblastic functions. We previously showed that **PGD** (2) stimulates the induction of heat shock protein 27 (HSP27) via protein kinase C (PKC)-dependent p38 mitogen-activated protein (MAP) kinase and p44/p42... ...the other hand, methotrexate (MTX) is one of the most effective medicines for the treatment of RA. Here, we examined the effect of MTX on **PGD** (2)-stimulated HSP27 induction in MC3T3-E1 cells. The cells were pretreated with various doses of MTX including therapeutic dosage for RA, and then stimulated by **PGD**(2). MTX significantly enhanced the **PGD**(2)-increased levels of HSP27 in a dose-dependent manner, although MTX alone had no effect on the levels of HSP27. In addition, MTX amplified the **PGD**(2)-increased levels of HSP27 mRNA. On the contrary, MTX had little effect on **PGD**(2)-induced formation of inositol phosphates, PKC activation and phosphorylations of MAP kinases. Our results strongly suggest that MTX enhances **PGD**(2)-stimulated HSP27 induction at a point downstream from MAP kinases in osteoblasts. (C) 2004 Elsevier Ltd. All rights reserved.

Identifiers:- ...ALPHA-B-CRYSTALLIN; HEAT-SHOCK-PROTEIN; JUVENILE **RHEUMATOID- ARTHRITIS**; STRESS-INDUCED SYNTHESIS; PULSE METHOTREXATE; SYNOVIAL-FLUID; GLIOMA-CELLS; CYCLIC-AMP; KINASE-C; EXPRESSION

4/K/3 (Item 2 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

(c) 2009 The Thomson Corp. All rights reserved.

Abstract: ...J2) in human articular chondrocyte apoptosis. 15d-PG J2 was released by human articular chondrocytes

and found in joint synovial fluids taken from osteoarthritis or **rheumatoid arthritis** patients. Proinflammatory cytokines such as interleukin-1beta (IL-1beta) and tumor necrosis factor-alpha (TNF-alpha) up-regulated chondrocyte release of 15d-PG J2. PG D2 synthase mRNA expression was upregulated by IL-1beta, TNF-alpha, or nitric oxide. 15d-PG J2 induced apoptosis of chondrocytes from osteoarthritis or **rheumatoid arthritis** patients as well as control nonarthritic subjects in a time- and dose-dependent manner and in a peroxisome proliferator-activated receptor gamma-dependent manner. Peroxisome...

Identifiers--...ACTIVATED RECEPTOR-GAMMA; PROSTAGLANDIN-D SYNTHASE; OXIDE-INDUCED APOPTOSIS; PROTEIN-KINASE; NITRIC-OXIDE; PPAR-GAMMA; **RHEUMATOID-ARTHRITIS**; OXIDATIVE STRESS; CANCER CELLS; J(2)

4/K/4 (Item 3 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...homeostasis, it has been recently demonstrated that PPARgamma is present in a variety of cell types. Synthetic antidiabetic thiazolidinediones (TZDs) and natural prostaglandin D-2 (PGD(2)) metabolite, 15-deoxy-Delta (12,)(14)-prostaglandin J(2) (15d-PGJ(2)), are well-known as ligands for PPARgamma. After it has been reported... and a huge research effort has been concentrated. PPARgamma, is currently known to be implicated in various human chronic diseases such as diabetes mellitus, atherosclerosis, **rheumatoid arthritis**, inflammatory bowel disease, and Alzheimer's disease. Moreover, PPARgamma ligands have potent tumor modulatory effects against colorectal, prostate, and breast cancers. Recent studies suggest that...

Identifiers--

4/K/5 (Item 4 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...5 min; no degranulation was observed using heat-generated aggregates of IgG(2), IgG(3), or IgG(4). Activation using aggregated IgG(1) led to PGD(2) and LTC4 generation as well as enhanced IL-3, IL-13, GM-CSF, and TNFalpha production. Preincubation of cells with F(ab')(2) from...

Identifiers--...NECROSIS-FACTOR-ALPHA; HIGH-AFFINITY; **RHEUMATOID-ARTHRITIS**; SIGNAL-TRANSDUCTION; CROHNS-DISEASE; UP-REGULATION; IFN-GAMMA; RECEPTOR; LINE; EXPRESSION

4/K/6 (Item 5 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: The PGD(2) metabolite 15-deoxy-delta12,14 PGJ(2) (15d-PGJ(2)), a potent peroxisome proliferator-activated receptor gamma (PPARgamma) activator, has recently received attention for...

Identifiers--...ACTIVATED RECEPTOR-GAMMA; PPAR-GAMMA; INDUCIBLE CYCLOOXYGENASE; **RHEUMATOID-ARTHRITIS**; NITRIC-OXIDE; PEROXISOME; J(2)

4/K/7 (Item 6 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...induction, to determine whether it can act directly in the CNS. In the kainate-treated rat brain there was increased PGE(2), PGF(2alpha), and PGD(2) production, with COX activity and PGE(2) formation increased about 7-fold over normal. We quantitated mRNA levels for enzymes involved in the prostaglandin... that both COX-2 and

PGE synthase (PGEs) mRNA levels were increased in the brain; no changes were found for expression of COX-1 or **PGD synthase** mRNA. By Western blot analysis, COX-2 and PGEs were induced in total brain, hippocampus, and cortex, but not in the spinal cord. Immunohistological studies...

Identifiers-- ...PROSTAGLANDIN-E SYNTHASE; KAINIC ACID; MESSENGER-RNA; IN-VIVO; INDUCIBLE CYCLOOXYGENASE; SELECTIVE-INHIBITION; **RHEUMATOID-ARTHRITIS**; TRANSGENIC MICE; FOCAL ISCHEMIA; CELL-DEATH

4/K/8 (Item 7 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...bone marrow-derived mast cells (BMMC), stimulated with stem cell factor, IL-1beta, and IL-10, secrete IL-6 and demonstrate a delayed phase of **PGD(2)** generation that is dependent upon the induced expression of PG endoperoxide synthase (PGHS)-2. We have examined the potential for exogenous prostanoids, acting in... ..(2), which is a ligand for peroxisome proliferator-activated receptor (PPAR)gamma, elicited a 2- to 3-fold amplification of PGHS-2 induction, delayed-phase **PGD**, generation, and IL-6 secretion in response to stem cell factor, IL-10, and IL-10. The effect of PGE2 was reproduced by the E... ..not IL-6 secretion, was impaired in cPLA(2)-deficient BMMC. However, there was no impairment of PGHS-2 induction in BMMC deficient in hematopoietic **PGD synthase** or PGHS-1 in the presence or absence of the PGHS-2 inhibitor, NS-398. Thus, although exogenous prostanoids may contribute to amplification of the...

Identifiers-- ...CYTOSOLIC PHOSPHOLIPASE A(2); CYCLOOXYGENASE-2 EXPRESSION; 15-DEOXY-DELTA(12,14)-PROSTAGLANDIN J(2); INTERLEUKIN-6 PRODUCTION; **RHEUMATOID-ARTHRITIS**; ARACHIDONIC-ACID; PPAR-GAMMA; PEROXISOME PROLIFERATORS; MEDIATED ACTIVATION; D-2 GENERATION

4/K/9 (Item 8 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...recent and puzzling data shows that COX-2 is induced during the resolution of an inflammatory response, and at this point it produces anti-inflammatory (**PGD(2)** and **PGF(2 alpha)**), but not proinflammatory (**PGE(2)**) prostaglandins; inhibition of COX-2 at this point thus results in persistence of the inflammation...

Identifiers-- ...NONSTEROIDAL ANTIINFLAMMATORY DRUGS; PROSTAGLANDIN ENDOPEROXIDE SYNTHASE-1; MITOGEN-INDUCIBLE CYCLOOXYGENASE; NECROSIS-FACTOR-ALPHA; 5-LIPOXYGENASE INHIBITORS; **RHEUMATOID-ARTHRITIS**; 7-TERT-BUTYL-2,3-DIHYDRO-3,3-DIMETHYLBENZOFURAN DERIVATIVES; CYCLOOXYGENASE-2/5-LIPOXYGENASE INHIBITORS; ANALGESIC AGENTS; HUMAN MONOCYTES

4/K/10 (Item 9 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...in 40% beta-hexosaminidase (beta-hex) release; minimal degranulation was observed using IgG(2), IgG(3) or IgG(4). IgG(1)-dependent activation led to **PGD(2)** and LTC4 generation as well as elevated cytokine production, most notably TNF-alpha. Preincubation of cells with F(ab')(2) from CD64-specific clones...

Identifiers-- ...NECROSIS-FACTOR-ALPHA; COLONY-STIMULATING FACTOR; HIGH-AFFINITY; **RHEUMATOID-ARTHRITIS**; CROHNS-DISEASE; RECEPTOR; NEUTROPHILS; VASCULITIS; EXPRESSION

4/K/11 (Item 10 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...q32-34 region of human chromosome 9, together with at least four other lipocalins (neutrophil gelatinase-associated lipocalin, complement factor gamma -subunit, tear prealbumin, and **prostaglandin D synthase**) that also may have anti-inflammatory and/or antimicrobial activity. This review addresses important features of this genetically linked subfamily of lipocalins (involvement with the...

Identifiers-- ...**PROSTAGLANDIN-D-SYNTHASE**; ACUTE-PHASE PROTEINS; SIALYL-LEWIS-X; GELATINASE-ASSOCIATED LIPOCALIN; HUMAN ALPHA-1-ACID GLYCOPROTEIN; HUMAN PLACENTAL PROTEIN-14; ALPHA-TRYPSIN INHIBITOR; NECROSIS-FACTOR-ALPHA; ALPHA(1)-ACID GLYCOPROTEIN; **RHEUMATOID- ARTHRITIS**

4/K/12 (Item 11 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...4736 a PAF receptor antagonist were evaluated for their effects in the murine air pouch granuloma. SE 203347 reduced both LTB4 and PAF, but not **PGD(2)** levels measured in the day 6 granuloma. This correlated with a significant reduction in angiogenesis. Zileuton reduced LTB4 levels as expected, but did not...

Identifiers-- ...**CHRONIC GRANULOMATOUS TISSUE**; NECROSIS-FACTOR-ALPHA; SKIN IN-VIVO; PHOSPHOLIPASE A(2); ARACHIDONIC-ACID; POLYMORPHONUCLEAR LEUKOCYTES; **RHEUMATOID- ARTHRITIS**; ENDOTHELIAL-CELLS; **PROSTAGLANDIN D-2**; BIOSYNTHESIS

4/K/13 (Item 12 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...of antiinflammatory and immunosuppressive agents were evaluated on the in vitro release of histamine and trypsinase and the de novo synthesis of prostaglandin D-2 (**PGD(2)**) and leukotriene C-4 (**LTC(4)**) by HSyMC challenged with anti-IgE and substance P.

Results. Nimesulide, a sulfonanilide nonsteroidal antiinflammatory drug (NSAID) chemically... piroxicam had little or no effect on HSyMC activated by anti-IgE, ASA, diclofenac, piroxicam, and nimesulide caused a concentration-dependent inhibition of IgE-mediated **PGD(2)** release from HSyMC, Nimesulide, but not diclofenac or piroxicam, also inhibited the de novo synthesis of **LTC(4)** by HSyMC challenged with anti-IgE...

Identifiers-- ...INHIBITS MEDIATOR RELEASE; **RHEUMATOID-ARTHRITIS**; HUMAN BASOPHILS; IN-VIVO; CYCLOSPORINE-A; ACTIVATION; FK506; RAPAMYCIN; HISTAMINE; INFLAMMATION

Research Fronts: 95-0139 001 (NONSTEROIDAL ANTIINFLAMMATORY DRUGS; **PROSTAGLANDIN-SYNTHASE-2 GENE DISRUPTION CAUSES SEVERE RENAL PATHOLOGY**)

95-1243 001 (**RHEUMATOID-ARTHRITIS** PATIENTS RECEIVING LONG-TERM METHOTREXATE THERAPY; CLINICAL PROTOCOLS; CATEGORY-III SYMPTOM-MODIFYING ANTIRHEUMATIC DRUGS)

95-4370 001 (CALCINEURIN INHIBITION; IMMUNOSUPPRESSANT FK506; T-LYMPHOCYTE ACTIVATION; IMMUNOPHILINS ...

Cited References:

4/K/14 (Item 13 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: Genetic markers - blood groups ABO, RH, MN; serum proteins HP, PI, TF, C3; erythrocyte enzymes ACPI, ESD, AK1, PGM1, GLO1, **PGD**, PGP; and the other: PTC-tasting, ear wax types and color vision, were studied in two aboriginal Buryatian populations of Baikal Lake region: in Chitinskaya...

Identifiers--

Research Fronts: ...FERAL GOAT POPULATIONS (GENUS CAPRA)

90-2697 001 (IMMOBILIZED PH GRADIENTS; ISOELECTRIC-FOCUSING GELS; REDUCED WHEAT GLUTEN PROTEINS)

90-6265 001 (HLA ANTIGENS; RISK OF **RHEUMATOID- ARTHRITIS**; FACTORS PREDICTING RESPONSE)

Cited References:

4/K/15 (Item 14 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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Abstract: ...52 to 698) of a sample of Yupik-speaking Eskimos from southwestern Alaska. Five loci were monomorphic (Kell Kp(b+), ADA1, AK1, HB(A), and **PGD(A)**). At the other loci, the most frequent alleles were AB0 (0) (0.580), Fy(a) (0.960), Jk(b) (0.513), Ms (0.333...

Identifiers-- ...RED-CELL ENZYMES; **RHEUMATOID-ARTHRITIS**; B DISEASE; HEPATITIS-B; HLA; POPULATION; INDIANS; ADMIXTURE; SUSCEPTIBILITY; EPIDEMIOLOGY

4/K/16 (Item 1 from file: 71)

DIALOG(R)File 71: ELSEVIER BIOBASE

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As for the pathogenesis of **rheumatoid arthritis** (RA), prostaglandins (PGs) act as important mediators of inflammation and joint destruction. Among them, **PGD SUB 2** is well recognized as a potent regulator of osteoblastic functions. We previously showed that **PGD SUB 2** stimulates the induction of heat shock protein 27 (HSP27) via protein kinase C (PKC)-dependent p38 mitogen-activated protein (MAP) kinase and p44 ... the other hand, methotrexate (MTX) is one of the most effective medicines for the treatment of RA. Here, we examined the effect of MTX on **PGD SUB 2** - stimulated HSP27 induction in MC3T3-E1 cells. The cells were pretreated with various doses of MTX including therapeutic dosage for RA, and then stimulated by **PGD SUB 2**. MTX significantly enhanced the **PGD SUB 2** - increased levels of HSP27 in a dose-dependent manner, although MTX alone had no effect on the levels of HSP27. In addition, MTX amplified the **PGD SUB 2** -increased levels of HSP27 mRNA. On the contrary, MTX had little effect on **PGD SUB 2** -induced formation of inositol phosphates, PKC activation and phosphorylations of MAP kinases. Our results strongly suggest that MTX enhances **PGD SUB 2** -stimulated HSP27 induction at a point downstream from MAP kinases in osteoblasts. (c) 2004 Elsevier Ltd. All rights reserved.

4/K/17 (Item 1 from file: 72)

DIALOG(R)File 72: EMBASE

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...the synthesis of 1,25(OH) SUB 2D SUB 3 in synovial fluid macrophages from patients with inflammatory arthritis (IA), most of whom had chronic **rheumatoid arthritis** (RA). After exposure to IFN-gamma and/or arachidonic acid metabolites (eicosanoids), the synthesis of 1,25(OH) SUB 2D SUB 3 was determined by... each stimulated 1,25(OH) SUB 2D SUB 3 synthesis in a dose-dependent manner after 24 h, whilst PGA SUB 2, PGB SUB 2, **PGD SUB 2**, PGE SUB 1 and PGE SUB 2 (0.1-10 muM) all inhibited synthesis after 24 h in cells pre-activated with 4...

Medical Descriptors:

*

article; clinical trial; drug effect; human; human cell; metabolic regulation; **rheumatoid arthritis**; synovial fluid; vitamin metabolism

Orig. Descriptors:

4/K/18 (Item 1 from file: 73)

DIALOG(R)File 73: EMBASE

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Human synovium obtained at arthroplasty from patients with **rheumatoid arthritis** (RA) and osteoarthritis (OA) were characterized by assessing mast cell morphology, content and function. Histological studies confirmed significant numbers of mast cells in both RA... (SEM) released histamine following provocation with anti-IgE and calcium ionophore but not compound 48/80, f-met peptide or bradykinin. Prostaglandin D SUB 2 (**PGD** SUB 2) and leukotriene C SUB 4 (LTC SUB 4) were also released in response to anti-IgE. Auranofin inhibited anti-IgE provoked histamine, **PGD** SUB 2 and LTC SUB 4 release while gold sodium thiomalate, cromolyn and indomethacin had no effect on histamine release. Theophylline inhibited anti-IgE induced...

Medical Descriptors:

* osteoarthritis--etiology--et; ***rheumatoid arthritis**--etiology--et

4/K/19 (Item 2 from file: 73)

DIALOG(R)File 73: EMBASE

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The concentrations of **PGD** SUB 2, PGE SUB 2, PGF(2alpha), 6-keto-PGF(1alpha) and TXB SUB 2 in synovial fluid from patients with **rheumatoid arthritis** (RA), Reiter's disease (RD), acute gouty arthritis (GA) and osteoarthritis (OA) were measured by radioimmunoassay. PGE SUB 2 was found to be the most... mean levels of all the prostanoids were found than compared to the other groups of patients. Only in patients with RA a slight correlation between **PGD** SUB 2/PGF(2alpha), PGE SUB 2/PGF(2alpha) and PGE SUB 2/6-keto-PGF(1alpha) could be demonstrated. No significant correlations between the...

4/K/20 (Item 3 from file: 73)

DIALOG(R)File 73: EMBASE

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...for 2-hour incubation of the cells, the production of identified metabolites, 6-keto-PGF SUB 1(alpha), PGF SUB 2 (alpha), PGE SUB 2, **PGD** SUB 2, PGA+PGB and thromboxane B SUB 2, was slightly less in rheumatic cells. In general, the main metabolite formed was 6-keto-PGF...

Medical Descriptors:

*

cartilage; fibroblast; human; human cell; joint; major clinical study; **rheumatoid arthritis**; synovium

Orig. Descriptors:

4/K/21 (Item 1 from file: 135)

DIALOG(R)File 135: NewsRx Weekly Reports

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Researchers in the United States conducted a study "to estimate the national occurrence of pregnancies in women

with systemic lupus erythematosus (SLE) and **rheumatoid arthritis** (RA) and to compare pregnancy outcomes in these patients with those in women with pregestational diabetes mellitus (DM) and with the general obstetric population."

E... ..antenatal monitoring should be performed."

Chakravarty and colleagues published their study in (Obstetric hospitalizations in the United States for women with systemic lupus erythematosus and **rheumatoid arthritis**. *Arthritis Rheum*, 2006;54(3):899-907).

For additional information, contact E.F. Chakravarty, Stanford University, School of Medicine, Division of Rheumatology & Immunology, 1000 Welchand Gynaecology H4-210, P.O. Box 22700, 1100 DE Amsterdam, The Netherlands. Email: est.demiranda@inter.NL.net.

Study 3: Women with pregestational diabetes (**PGD**) have higher obstetrical complication and intervention rates than women without **PGD** and many do not receive recommended specialty care during pregnancy.

Scientists in Canada conducted a study "to describe recent trends in the proportion of deliveries in women with pregestational diabetes (**PGD**), their use of services, and diabetes-related obstetrical complications."

"In this population-based retrospective cohort study, comprehensive administrative data were used to identify all women (with and without **PGD**) who gave birth in an Ontario, Canada, hospital from 1996 to 2001. Data on maternal complications and interventions were obtained from hospital discharge records; data... ..were obtained from fee-for-service claims," explained D.S. Feig and colleagues of the University of Toronto.

"The proportion of deliveries in women with **PGD** increased steadily from 0.8% in 1996 to 1.2% in 2001 ($p < 0.001$)," the investigators reported. "In 2001, women with **PGD** were more likely to be diagnosed with shoulder dystocia (adjusted odds ratio 2.00 [95% CI 1.55-2.58]), hypertension (4.13 [3.44... ..73]) and have higher rates of inductions (1.69 [1.52-1.88]) and caesarean sections (1.78 [1.60-1.98]) than women without **PGD**. In 2001, 50% of the women with **PGD** had a visit to a diabetes specialist during pregnancy and only 30% of women had claims for a prenatal retinal examination. Both of these rates have decreased over the study period."

The researchers concluded, "Women with **PGD** now account for a larger proportion of deliveries. These women continue to have higher obstetrical complication and intervention rates than women without **PGD** and many do not receive recommended specialty care during pregnancy."

Feig and colleagues published their study in (Trends in deliveries, prenatal care, and obstetrical complications...

4/K/22 (Item 1 from file: 144)

DIALOG(R)File 144: Pascal

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... to find the specific inhibitors of AA metabolism especially PLA SUB 2 and COX-2, 300 plant extracts were evaluated for their inhibitory activity on **PGD** SUB 2 production from cytokine-induced mouse bone marrow-derived mast cells in vitro. From this screening procedure, the methanol extract of *Salvia miltiorrhiza* was found to inhibit **PGD** SUB 2 production and the ethyl acetate subfraction gave the strongest inhibition of five subfractions tested. From this ethyl acetate subfraction, an activity-guided isolation...

...English Descriptors: cell line; Pharmacognosy; Arthritis; Adjuvant; Phytotherapy; Treatment; Treatment efficiency; Folk medicine; Prostaglandin-endoperoxide synthase; Lipxygenase; Korea; Root; Animal; Rat; Enzyme inhibitor; In vitro; In vivo; **Rheumatoid arthritis**; Isolation; Extract; Biological activity; Phospholipase
A SUB 2

4/K/23 (Item 1 from file: 370)

DIALOG(R)File 370: Science
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(THIS IS THE FULLTEXT)

Text:

...NF- (kappa) B is a key mediator of TNF-a responses and an attractive target for therapeutic intervention against inflammation and inflammatory diseases such as **rheumatoid arthritis**.

...cytokine. The two possibilities can be discriminated by providing RelA directly to the RelA.sup(-/-) cells (B18) . Either a mouse RelA expression vector or the **pGD** parental vector was therefore transfected into RelA.sup(-/-) 3T3 cells along with a lacZ expression vector to mark the transfected cells. Mouse TNF-a was...cytotoxicity. Rel.sup(-/-) 3T3 cells were calcium phosphate transfected with 1 (mu) g of the LacZ-expressing vector pON 405 and the RelA-expressing vector **pGD-65** in the amounts indicated. Mouse TNF-a was added (+) 36 hours later for 24 hours as indicated. After X-Gal staining, the number of...

References and Notes:

...of the plates. The plasmid pON 405, in which LacZ expression is driven by the cytomegalovirus promoter, was used to mark transfected cells. The plasmid **pGD-p65** [M. Scott et al., Genes Dev. 7, 1266 (1993)] was used for expression of RelA in fibroblasts. The parental **pGD** vector was used to ensure that the total amount of DNA used in all transfections was identical...

4/K/25 (Item 1 from file: 457)
DIALOG(R)File 457: The Lancet
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Text:

...in patients. Non-steroidal inflammatory drugs (NSAIDs) treated the symptoms of inflammatory disease without affecting the underlying disease; indeed many NSAIDs accelerated cartilage breakdown in **rheumatoid arthritis**.² Nevertheless, for many patients this family of drugs improved quality of life, if the patient escaped the unpleasant side-effects on the gastrointestinal tract...

...an ex vivo biochemical assay with exogenously supplied arachidonic acid, nor could this be detected at this time in vivo. By contrast, anti-inflammatory prostaglandins (**PGD** sub 2 , and **PGF** sub 2a) plus a member of the cyclopentenone family (I 5deoxy(delta)12-14PGJ sub 2) were produced in vivo at...this third inducible isoform of COX could result in the typical periods of remission seen in many clinical cases of chronic inflammatory disease such as **rheumatoid arthritis**. If this hypothesis is further proved in man, an urgent need for markers of disease activity would be needed, thus making it possible to stop...

? t s4/3/2,7,9,16,17,18,19,20

Dialog eLink: **USPTO Full Text Retrieval Options**

4/3/2 (Item 1 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci
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13368454 **Genuine Article#:** 872IA **No. References:** 51

Methotrexate enhances prostaglandin D-2-stimulated heat shock protein 27 induction in osteoblasts

Author: Yoshida M; Niwa M; Ishisaki A; Hirade K; Ito H; Shimizu K; Kato K; Kozawa O (REPRINT)

Corporate Source: Gifu Univ, Grad Sch Med, Dept Pharmacol, Gifu 5011194//Japan/ (REPRINT); Gifu Univ, Grad Sch Med, Dept Pharmacol, Gifu 5011194//Japan/; Gifu Univ, Grad Sch Med, Dept Orthopaed Surg, Gifu 5011194//Japan/; Aichi Human Serv Ctr, Inst Dev Res, Dept Biochem, Kasugai/Aichi 4800392/Japan/ (okozawa@cc.gifu-u.ac.jp)

Journal: PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS , 2004 , V 71 , N6 (DEC) , P 351-362

ISSN: 0952-3278 **Publication date:** 20041200

Publisher: CHURCHILL LIVINGSTONE , JOURNAL PRODUCTION DEPT, ROBERT STEVENSON HOUSE, 1-3 BAXTERS PLACE, LEITH WALK, EDINBURGH EH1 3AF, MIDLOTHIAN, SCOTLAND

Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

Dialog eLink:

USPTO Full Text Retrieval Options

4/3/7 (Item 6 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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10929879 **Genuine Article#:** 584LB **No. References:** 41

Pharmacology of celecoxib in rat brain after kainate administration

Author: Ciceri P; Zhang Y; Shaffer AF; Leahy KM; Woerner MB; Smith WG; Seibert K; Isakson PC (REPRINT)

Corporate Source: Pharmacia Corp, Res & Dev, 100 Route 206 N/Peapack/NJ/07977 (REPRINT); Pharmacia Corp, Res & Dev, Peapack/NJ/07977; Pharmacia Discovery Res, St Louis/MO/

Journal: JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS , 2002 , V 302 , N3 (SEP) , P 846-852

ISSN: 0022-3565 **Publication date:** 20020900

Publisher: AMER SOC PHARMACOLOGY EXPERIMENTAL THERAPEUTICS , 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3998 USA

Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

Dialog eLink:

USPTO Full Text Retrieval Options

4/3/9 (Item 8 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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10249575 **Genuine Article#:** 502VH **No. References:** 125

Dual acting anti-inflammatory drugs: A reappraisal

Author: Bertolini A (REPRINT) ; Ottani A; Sandrini M

Corporate Source: Univ Modena, Dept Biomed Sci, Pharmacol Sect, Via G Campi 287/I-41100 Modena/Italy/ (REPRINT); Univ Modena, Dept Biomed Sci, Pharmacol Sect, I-41100 Modena/Italy/

Journal: PHARMACOLOGICAL RESEARCH , 2001 , V 44 , N6 (DEC) , P 437-450

ISSN: 1043-6618 **Publication date:** 20011200

Publisher: ACADEMIC PRESS LTD , 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND

Language: English **Document Type:** REVIEW (ABSTRACT AVAILABLE)

4/3/16 (Item 1 from file: 71)

DIALOG(R)File 71: ELSEVIER BIOBASE

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0005779989 **Supplier Number:** 2004276871

Methotrexate enhances prostaglandin D SUB 2 -stimulated heat shock protein 27 induction in osteoblasts

Yoshida M.; Niwa M.; Ishisaki A.; Hirade K.; Ito H.; Shimizu K.; Kato K.; Kozawa O.

Author Email: okozawa@cc.gifu-u.ac.jp

Corresp. Author Email: okozawa@cc.gifu-u.ac.jp

Journal : Prostaglandins Leukotrienes and Essential Fatty Acids (Prostaglandins Leukotrienes Essent. Fatty Acids) , v71, n6, (351-362) , 2004 , United Kingdom

Publication Date: December 1, 2004 (20041201)

Coden: PLEAE

ISSN: 0952-3278 **eISSN:** 2009-003X

Publisher Item Identifier: S0952327804001218

Record Type: Abstract; New

Document Type: Article

Languages: English **Summary Languages:** English

No. of References: 51

Dialog eLink: **USPTO Full Text Retrieval Options**

4/3/17 (Item 1 from file: 72)

DIALOG(R)File 72: EMBASE

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0075706230 **EMBASE No:** 1994134927

Interferon-gamma and eicosanoid regulation of 1,25-dihydroxyvitamin D SUB 3 synthesis in macrophages from inflammatory arthritic joints

Hayes M.E.; Yuan J.Y.; Freemont A.J.; Mawer E.B.

University Department of Medicine, The Royal Infirmary, Manchester, Oxford Road, Manchester M13 9WL, United Kingdom

Corresp. Author/Affil: Hayes M.E.: University Department of Medicine, The Royal Infirmary, Manchester, Oxford Road, Manchester M13 9WL, United Kingdom

International Journal of Immunotherapy (INT. J. IMMUNOTHER.) (Switzerland) May 9, 1994 , 10/1 (1-9)

CODEN: IJIME **ISSN:** 0255-9625

Document Type: Journal ; Article **Record Type:** Abstract

Language: English **Summary language:** English

Dialog eLink: **USPTO Full Text Retrieval Options**

4/3/18 (Item 1 from file: 73)

DIALOG(R)File 73: EMBASE

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0073787809 **EMBASE No:** 1988248706

Characterization of human synovial mast cells

Kopicky-Burd J.A.; Kagey-Sobotka A.; Peters S.P.; Dvorak A.M.; Lennox D.W.; Lichtenstein L.M.; Wigley F.M.

Francis Scott Key Medical Center, Baltimore, MD 21224, United States

Corresp. Author/Affil : Francis Scott Key Medical Center, Baltimore, MD 21224, United States

Journal of Rheumatology (J. RHEUMATOL.) (Canada) November 18, 1988 , 15/9 (1326-1333)

CODEN: JRHUA **ISSN:** 0315-162X

Document Type: Journal ; Article **Record Type:** Abstract

Language: English **Summary language:** English

Dialog eLink: [USPIO Full Text Retrieval Options](#)

4/3/19 (Item 2 from file: 73)

DIALOG(R)File 73: EMBASE

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0072630027 **EMBASE No:** 1984160442

Concentration of prostaglandins D SUB 2, E SUB 2, F(2alpha), 6-keto-F(1alpha) and thromboxane B SUB 2 in synovial fluid from patients with inflammatory joint disorders and osteoarthritis

Egg D.

Department of Internal Medicine, Division of Physical Medicine, University of Innsbruck, A-6020 Innsbruck, Austria

Corresp. Author/Affil : Department of Internal Medicine, Division of Physical Medicine, University of Innsbruck, A-6020 Innsbruck, Austria

Zeitschrift fur Rheumatologie (Z. RHEUMATOL.) (Germany) August 30, 1984 , 43/2 (89-96)

CODEN: ZRHMB **ISSN:** 0340-1855

Document Type: Journal **Record Type:** Abstract

Language: English **Summary language:** German

Dialog eLink: [USPIO Full Text Retrieval Options](#)

4/3/20 (Item 3 from file: 73)

DIALOG(R)File 73: EMBASE

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Differences in the production of arachidonic acid metabolites between healthy and rheumatic synovial fibroblasts in vitro. A preliminary study

Pietila P.; Moilanen E.; Seppala E.; et-al

Department of Biomedical Sciences, University of Tampere, SF-33100 Tampere 10, Finland

Corresp. Author/Affil : Department of Biomedical Sciences, University of Tampere, SF-33100 Tampere 10, Finland

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Concentration of prostaglandins D SUB 2, E SUB 2, F(2alpha), 6-keto-F(1alpha) and thromboxane B SUB 2 in synovial fluid from patients with inflammatory joint disorders and osteoarthritis

Egg D.

Department of Internal Medicine, Division of Physical Medicine, University of Innsbruck, A-6020 Innsbruck, Austria

Corresp. Author/Affil : Department of Internal Medicine, Division of Physical Medicine, University of Innsbruck, A-6020 Innsbruck, Austria

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The concentrations of **PGD SUB 2**, **PGE SUB 2**, **PGF(2alpha)**, **6-keto-GF(1alpha)** and **TXB SUB 2** in synovial fluid from patients with **rheumatoid arthritis (RA)**, **Reiter's disease (RD)**, **acute gouty arthritis (GA)** and **osteoarthritis (OA)** were measured by radioimmunoassay. **PGE SUB 2** was found to be the most predominant prostanoid (pg/ml; Mean +/- S.E.M.): **RA** 887 +/- 85, **RD** 870 +/- 71, **GA** 1064 +/- 155 and **OA** 665 +/- 71. In patients with **OA** lower mean levels of all the prostanoids were found than compared to the other groups of patients. Only in patients with **RA** a slight correlation between **PGD SUB 2/PGF(2alpha)**, **PGE SUB 2/PGF(2alpha)** and **PGE SUB 2/6-keto-PGF(1alpha)** could be demonstrated. No significant correlations between the leucocyte cell counts in the synovial fluid and the prostanoid concentrations were found. In patients with **RA** developing recurrent knee joint effusions within four weeks after the first sampling significantly lower levels of **PGE SUB 2** and **TXB SUB 2** were found in the recurrent samples (**PGE SUB 2** 792 +/- 183, **TXB SUB 2** 179 +/- 33) than compared with the original samples (**PGE SUB 2** 984 +/- 146; **TXB SUB 2** 239 +/- 32).

Drug Descriptors:

* thromboxane b2

Medical Descriptors:

* arthritis; *osteoarthritis

clinical article; diagnosis; human; joint; synovial fluid

CAS Registry Number: 54397-85-2 (thromboxane B2)

SECTION HEADINGS:

Endocrinology

Arthritis and Rheumatism

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